



05100

PATENT TRADEMARK OFFICE

DECLARATION
AND POWER OF ATTORNEY

COPY

AS A BELOW NAMED INVENTOR, I HEREBY DECLARE THAT:

MY RESIDENCE, POST OFFICE ADDRESS AND CITIZENSHIP ARE AS STATED BELOW NEXT TO MY NAME. I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (IF ONLY ONE NAME IS LISTED BELOW) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (IF PLURAL NAMES ARE LISTED BELOW) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED GRANULE WITH HYDRATED BARRIER MATERIAL THE SPECIFICATION OF WHICH

CHECK ONE:



IS ATTACHED HERETO

WAS FILED ON _____ AS APPLICATION SERIAL NO. _____ AND WAS AMENDED ON _____.

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE. I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS §1.56.

I HEREBY CLAIM FOREIGN PRIORITY BENEFITS UNDER TITLE 35, UNITED STATES CODE §119, OF ANY FOREIGN APPLICATION(S) FOR PATENT OR INVENTOR'S CERTIFICATE LISTED BELOW AND HAVE ALSO IDENTIFIED BELOW ANY FOREIGN APPLICATION FOR PATENT OR INVENTOR'S CERTIFICATE HAVING A FILING DATE BEFORE THAT OF THE APPLICATION ON WHICH PRIORITY IS CLAIMED.

APPLICATION NUMBER	COUNTRY	DATE OF FILING	PRIORITY CLAIMED	
			YES	NO

I HEREBY CLAIM THE BENEFIT UNDER TITLE 35, UNITED STATES CODE §120, OF ANY UNITED STATES APPLICATION(S) OR PCT INTERNATIONAL APPLICATION(S) DESIGNATING THE UNITED STATES OF AMERICA THAT IS LISTED BELOW AND, INsofar AS THE SUBJECT MATTER OF EACH OF THE CLAIMS OF THIS APPLICATION IS NOT DISCLOSED IN THE PRIOR UNITED STATES APPLICATION IN THE MANNER PROVIDED BY THE FIRST PARAGRAPH OF TITLE 35, UNITED STATES CODE §112, I ACKNOWLEDGE THE DUTY TO DISCLOSE MATERIAL INFORMATION AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS §1.56(A) WHICH OCCURRED BETWEEN THE FILING DATE OF THE PRIOR APPLICATION AND THE NATIONAL OR PCT INTERNATIONAL FILING DATE OF THIS APPLICATION.

APPLICATION NUMBER	DATE OF FILING	STATUS - PATENTED, PENDING OR ABANDONED
60/068,382	20 DECEMBER 1997	ABANDONED
PCT/US98/27214	21 DECEMBER 1998	PENDING

POWER OF ATTORNEY: AS A NAMED INVENTOR I HEREBY APPOINT AS MY ATTORNEY(S) WITH FULL POWER OF SUBSTITUTION AND REVOCATION, TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:

MARGARET A. HORN, REG. NO. 33,401;
CHRISTOPHER L. STONE, REG. NO. 35,696
JEFFERY D. FRAZIER, REG. NO. 34,601
SUSAN FARIS, REG. NO. 41,739

SEND CORRESPONDENCE TO: JEFFERY D. FRAZIER GENENCOR INTERNATIONAL, INC. 925 PAGE MILL ROAD PALO ALTO, CALIFORNIA 94304	DIRECT TELEPHONE CALLS TO: 650 846-7615
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201

FULL NAME OF INVENTOR	FULL FIRST NAME NATHANIEL	INITIAL T.	LAST NAME BECKER	
RESIDENCE & CITIZENSHIP	CITY BURLINGAME	STATE OR FOREIGN COUNTRY CALIFORNIA		COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2116 HILLSIDE DRIVE	CITY BURLINGAME	STATE OR COUNTRY CALIFORNIA	ZIP CODE 94010

202

FULL NAME OF INVENTOR	FULL FIRST NAME ROBERT	INITIAL I.	LAST NAME CHRISTENSEN, JR.	
RESIDENCE & CITIZENSHIP	CITY PINOLE	STATE OR FOREIGN COUNTRY CALIFORNIA		COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2156 BLUE JAY CIRCLE	CITY PINOLE	STATE OR COUNTRY CALIFORNIA	ZIP CODE 94564

203

FULL NAME OF INVENTOR	FULL FIRST NAME ALFRED	INITIAL L.	LAST NAME GAERTNER	
RESIDENCE & CITIZENSHIP	CITY SAN BRUNO	STATE OR FOREIGN COUNTRY CALIFORNIA		COUNTRY OF CITIZENSHIP GERMANY
POST OFFICE ADDRESS	POST OFFICE ADDRESS 432 MAPLE AVENUE	CITY SAN BRUNO	STATE OR COUNTRY CALIFORNIA	ZIP CODE 94066

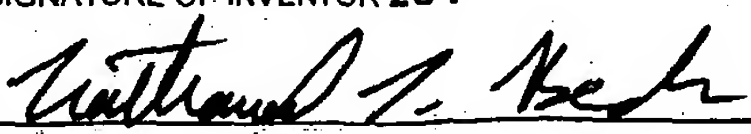
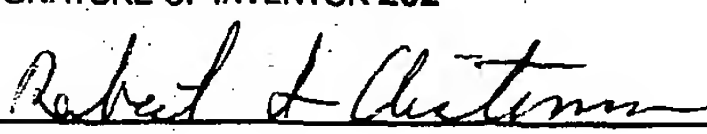
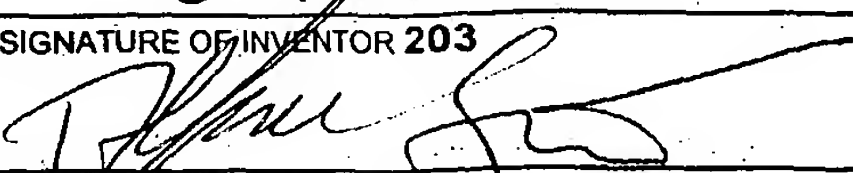
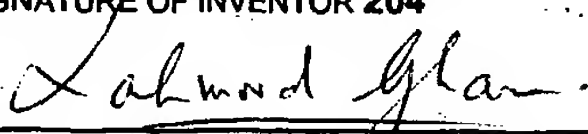
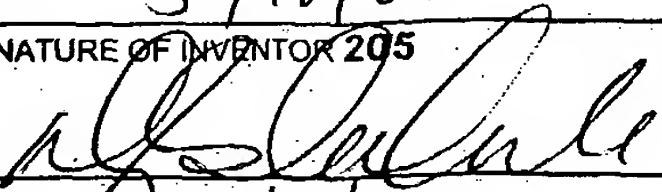
204

FULL NAME OF INVENTOR	FULL FIRST NAME MAHMOOD	INITIAL M.	LAST NAME GHANI	
RESIDENCE & CITIZENSHIP	CITY MILPITAS	STATE OR FOREIGN COUNTRY CALIFORNIA		COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 870 ALCOSTA DRIVE	CITY MILPITAS	STATE OR COUNTRY CALIFORNIA	ZIP CODE 95035

205

FULL NAME OF INVENTOR	FULL FIRST NAME DOUGLAS	INITIAL A.	LAST NAME DALE	
RESIDENCE & CITIZENSHIP	CITY PACIFICA	STATE OR FOREIGN COUNTRY CALIFORNIA		COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1135 ENCANTO WAY	CITY PACIFICA	STATE OR COUNTRY CALIFORNIA	ZIP CODE 94044

I FURTHER DECLARE THAT ALL STATEMENTS MADE HEREIN OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE , AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUING THEREON.

SIGNATURE OF INVENTOR 201 	SIGNATURE OF INVENTOR 202 
DATE 6-6-00	DATE 5/24/00
SIGNATURE OF INVENTOR 203 	SIGNATURE OF INVENTOR 204 
DATE 5/10/00	DATE 5/11/2000
SIGNATURE OF INVENTOR 205 	
DATE 5/3/00	